



3/22/13

To: Nancy Bruce, Board Secretary, Springville Public Utility District

RE: Scope of Services for Professional Biological and Ecological Services for Wastewater Treatment Plant Improvement Project

From: Bobby Kamansky, Principal, Kamansky's Ecological Consulting

Dear Nancy,

Per your request, I am providing a scope of services in this letter for a various tasks related to the wastewater treatment plant upgrade, Tulare County. Please see the table on page two for details.

My present understanding of the scope of the work is that it is comprised of several components including (see full list on page two with details):

1. Reconnaissance-level biological surveys from SPUD to Success Lake;
2. Hydrological studies of historical surface water flows on the Tule River and determining users for surplus water supplies Focused biological surveys;
3. Focused biological studies for avifauna, macro-invertebrate, amphibian and other protocol-level surveys;
4. Restoration and enhancement plan;
5. Wetland inventory and determinations;
6. Environmental documentation;
7. Study and memo compilation and report writing;
8. Assist with forming technical advisory committee
9. Project management.

I estimate the total budget for this scope of work to be **\$67,500.00**. The scope of the work includes only the above; additional consultation and work with agencies must be covered under an additional scope of work.

Kamansky's Ecological Consulting contracting and work terms:

- Documentation including scope of work and contract;
- Prompt invoice payment, invoices are due immediately upon receipt.

Please let me know if you'd like to proceed, or if you have any questions!

Thank you for your business!

Bobby Kamansky, principal biologist

Scope of Work

Professional Biological and Ecological Services

<u>Activity</u>	<u>Deliverables</u>	<u>Cost</u>
1. Reconnaissance-level biological surveys	a. Survey Report, maps memos.	\$10,000
2. Hydrological studies	a. Technical memos summarizing stream flow data; b. Outreach notes to potential user groups to assess need for end use of additional surface water supplies.	\$5,000
3. Focused biological studies: Avifauna, macro-invertebrate, amphibian and other protocol-level surveys	a. Survey reports and maps, technical memos from species and habitat mapping; b. Summary of ecosystem requirements regarding fish and macro-invertebrates water quality needs.	\$15,000
4. Restoration and Enhancement Plan	a. Written plan for enhancement in keys areas related to wetland restoration for discharge and natural filtration.	\$7,500
5. Wetland delineation and determination*	a. Wetland delineation	\$5,000**
6. Environmental documentation	b. Compile reports for CEQA documents.	\$10,000
7. Study and memo compilation and report writing	a. Final report, maps, data.	\$5,000
8. Assist with forming technical advisory committee for treatment improvement project and water supply	a. Memo summarizing meeting notes, communications or charter/agreement for the committee.	\$5,000
9. Project Management	a. Memos and progress reports to Board	\$5,000
Estimated Total Cost:		\$67,500

*Does not include the permit application. **This task may not be needed as part of the study.

Bobby Kamansky, principal biologist

conservation planning • ecological restoration • species inventory • cartography/GIS • fire management • interpretive services
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